

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062446.D
 Acq On : 17 May 2019 18:38
 Operator : FY/SY
 Sample : K2905-02
 Misc : 4.99g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-3-4FT

Quant Time: May 18 00:58:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

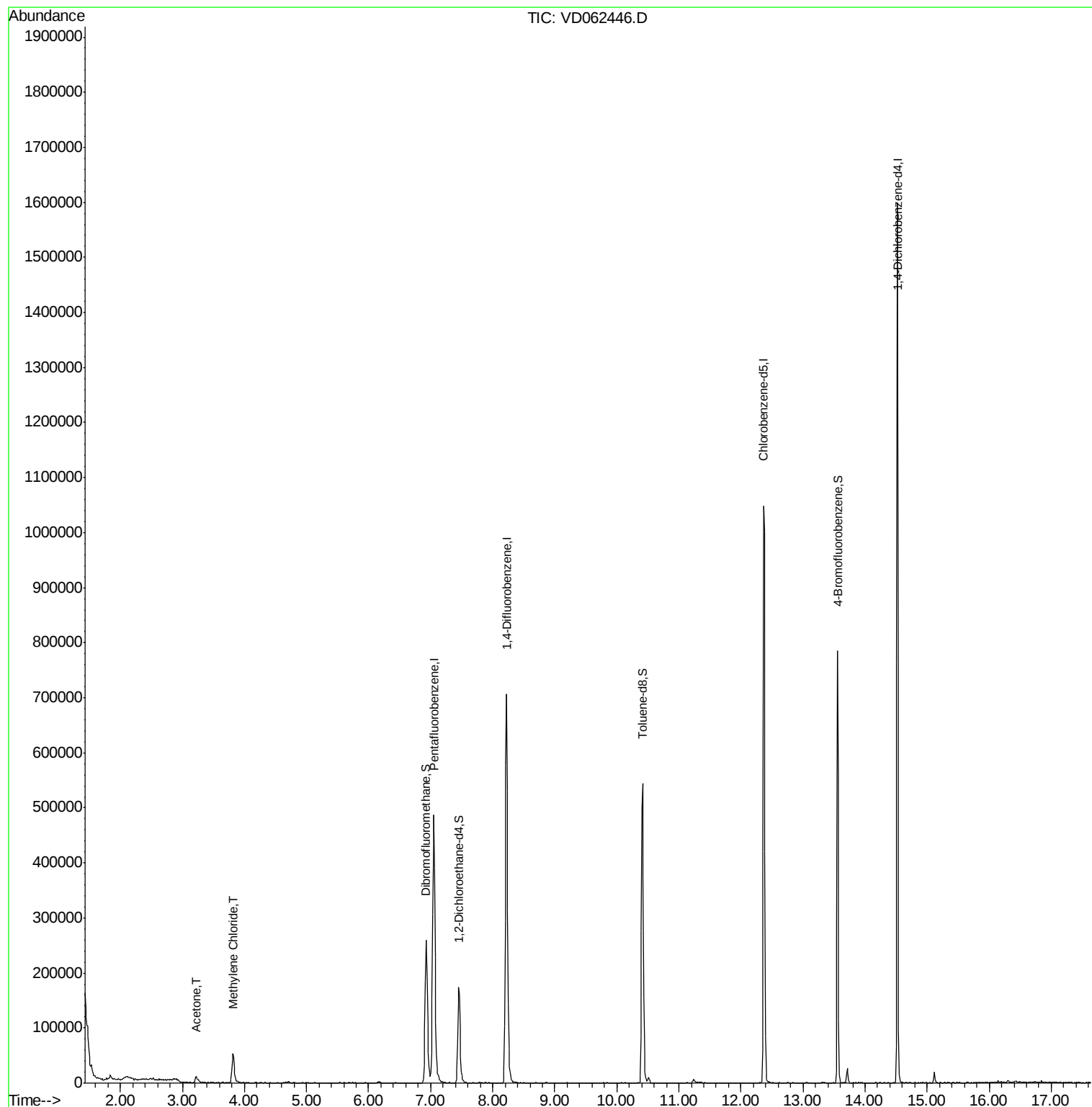
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	471679	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	731653	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	607595	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	338953	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	189408	43.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	86.42%	
35) Dibromofluoromethane	6.93	113	228660	37.67	ug/l	0.04
Spiked Amount 50.000			Recovery	=	75.34%	
50) Toluene-d8	10.42	98	449629	30.72	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.44%	
62) 4-Bromofluorobenzene	13.56	95	213873	36.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	72.78%	
Target Compounds						
16) Acetone	3.22	43	20286	22.068	ug/l #	84
20) Methylene Chloride	3.81	84	34457	8.977	ug/l	94

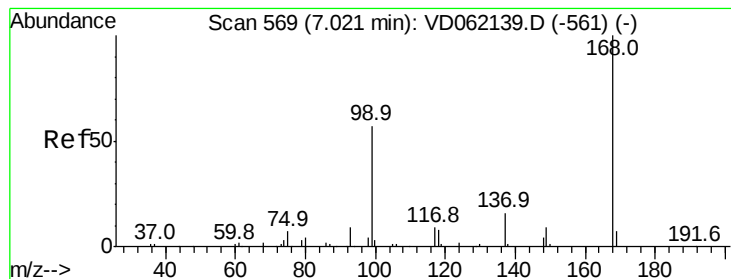
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

Instrument :

MSVOA_D

ClientSampleId :

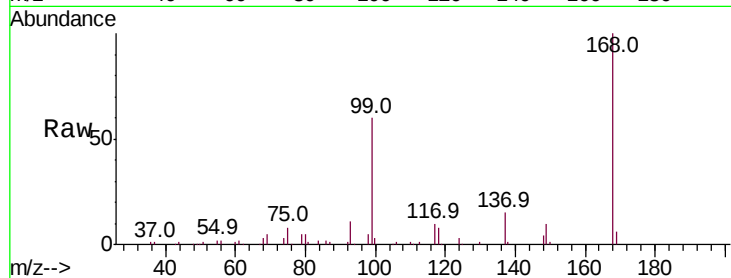
T-3-4FT

Tot Ion:168 Resp: 471679

Ion Ratio Lower Upper

168 100

99 60.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

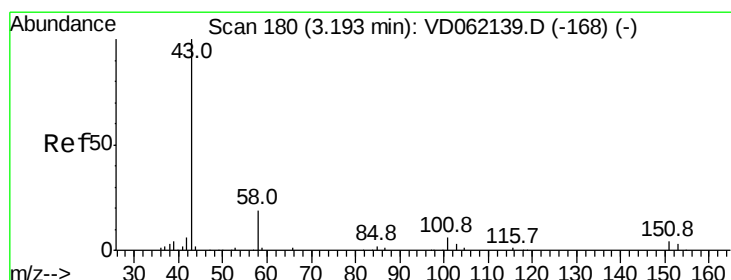
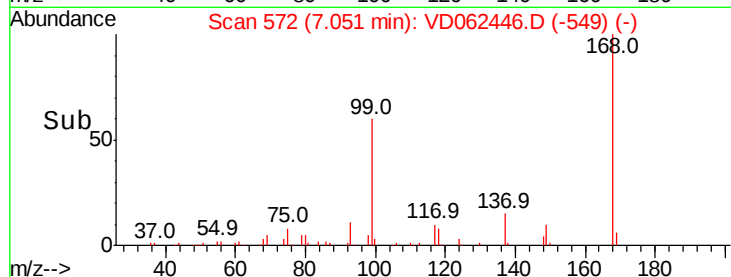
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.068 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062446.D

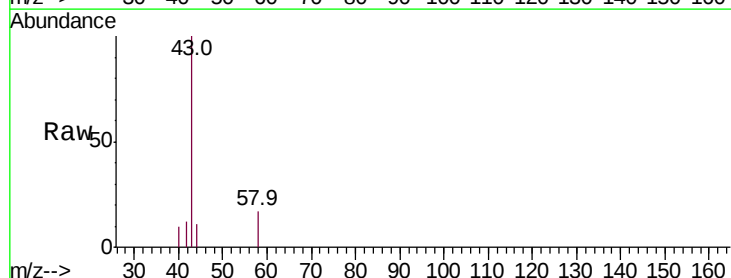
Acq: 17 May 2019 18:38

Tgt Ion: 43 Resp: 20286

Ion Ratio Lower Upper

43 100

58 17.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

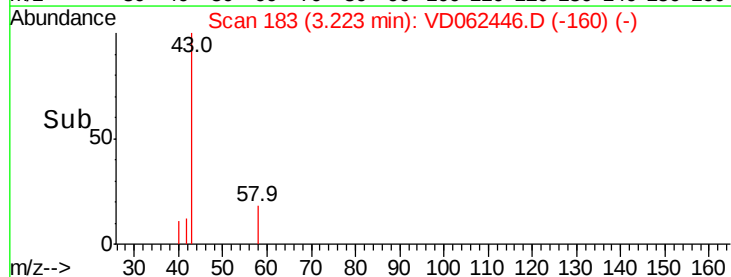
6000

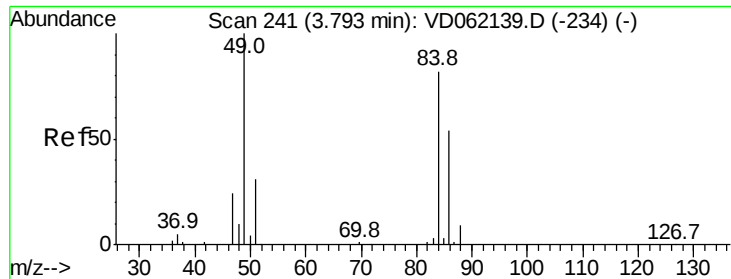
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2000

0

Time-->

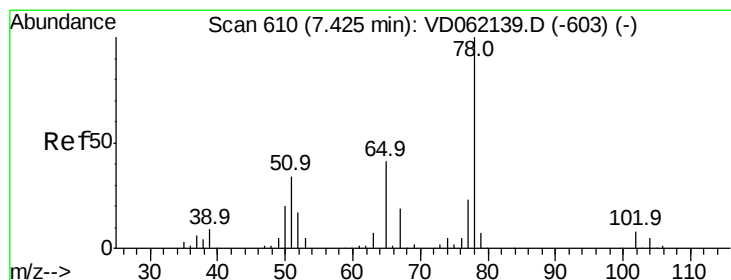
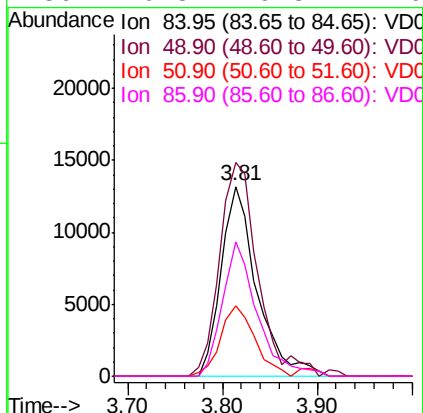
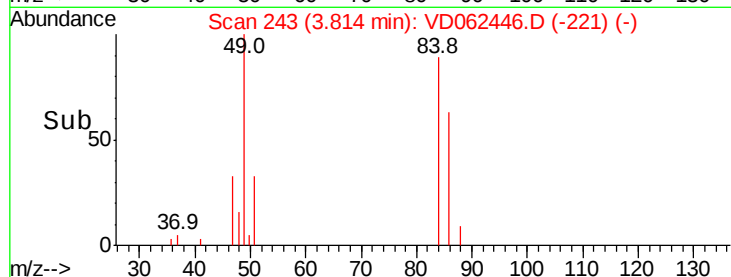
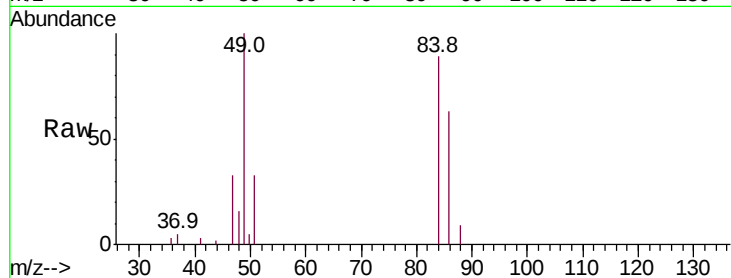




#20
Methylene Chloride
Concen: 8.977 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062446.D
Acq: 17 May 2019 18:38

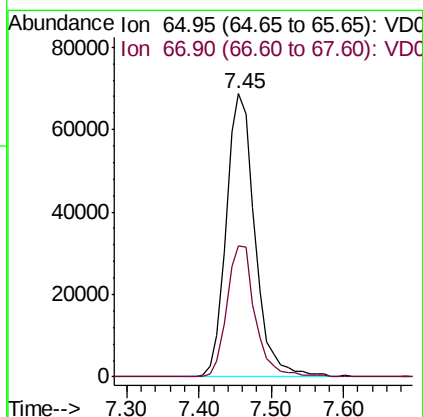
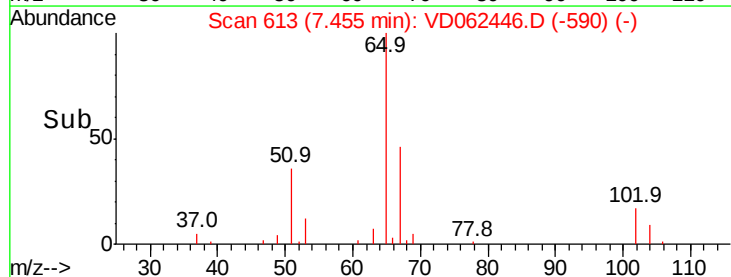
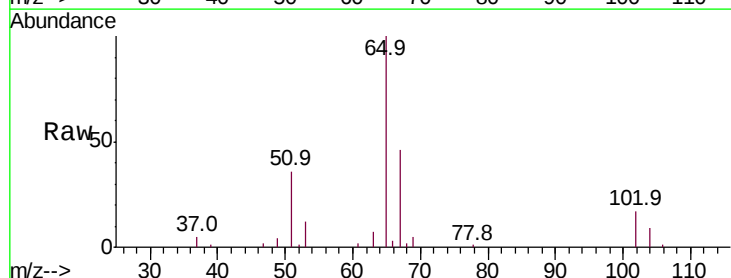
Instrument :
MSVOA_D
ClientSampleId :
T-3-4FT

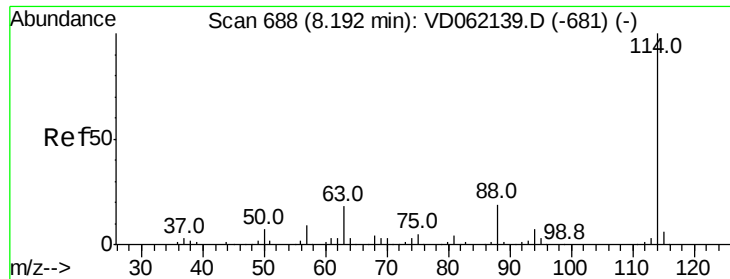
Tot Ion: 84 Resp: 34457
Ion Ratio Lower Upper
84 100
49 112.7 94.0 141.0
51 37.3 29.0 43.4
86 70.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 43.211 ug/l
RT: 7.45 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062446.D
Acq: 17 May 2019 18:38

Tgt Ion: 65 Resp: 189408
Ion Ratio Lower Upper
65 100
67 46.3 0.0 98.0

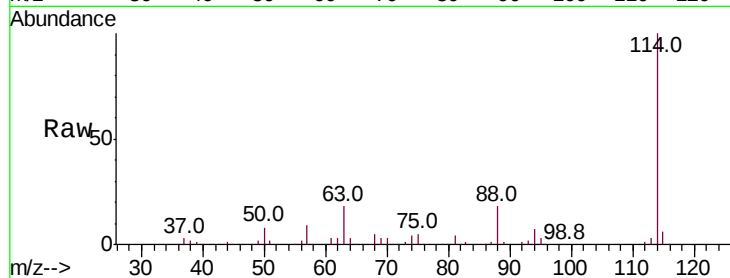




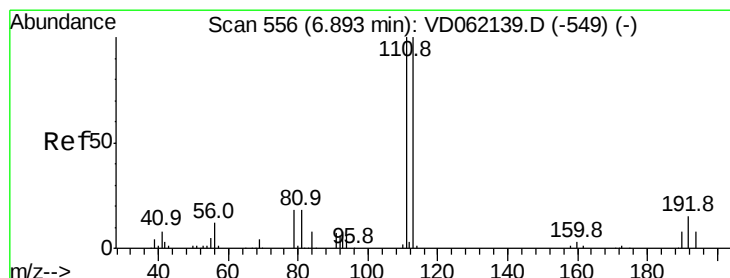
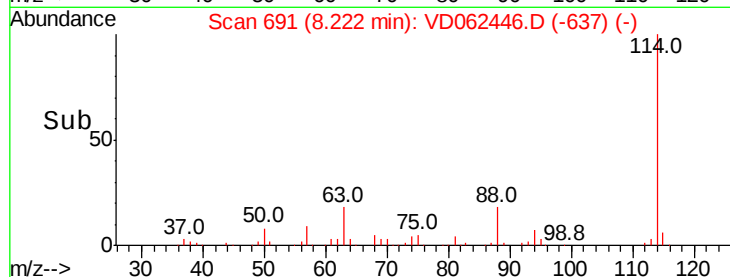
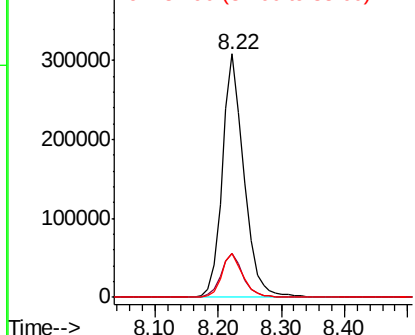
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062446.D
 Acq: 17 May 2019 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 T-3-4FT

Tot Ion:114 Resp: 731653
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 32.4
 88 17.8 0.0 33.6

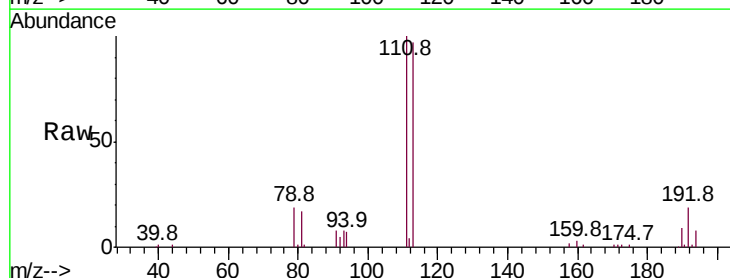


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

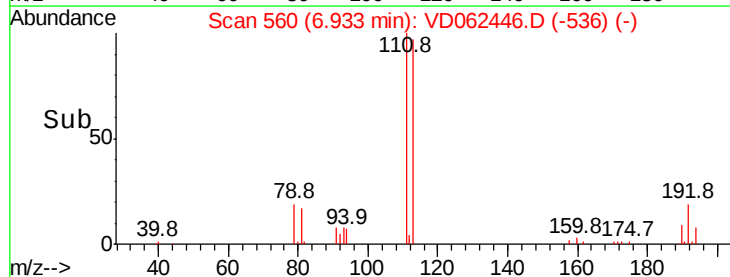
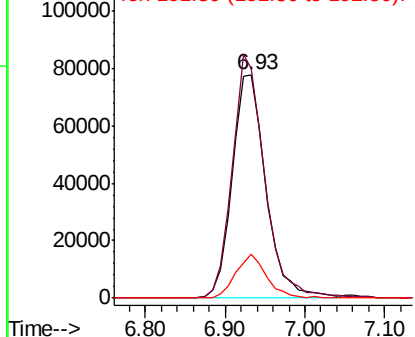


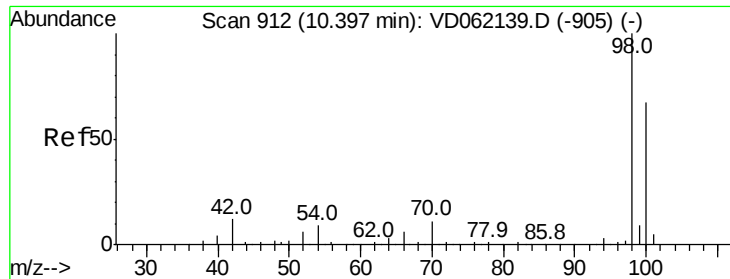
#35
 Dibromofluoromethane
 Concen: 37.667 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062446.D
 Acq: 17 May 2019 18:38

Tgt Ion:113 Resp: 228660
 Ion Ratio Lower Upper
 113 100
 111 102.7 78.5 117.7
 192 19.8 13.0 19.4#



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 30.719 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

Instrument :

MSVOA_D

ClientSampleId :

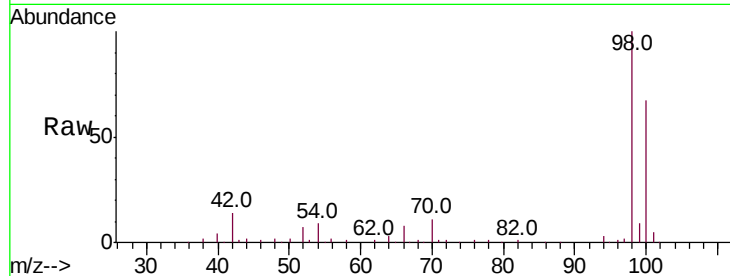
T-3-4FT

Tot Ion: 98 Resp: 449629

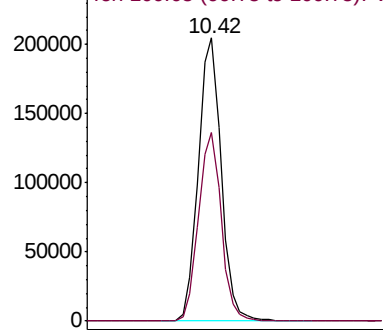
Ion Ratio Lower Upper

98 100

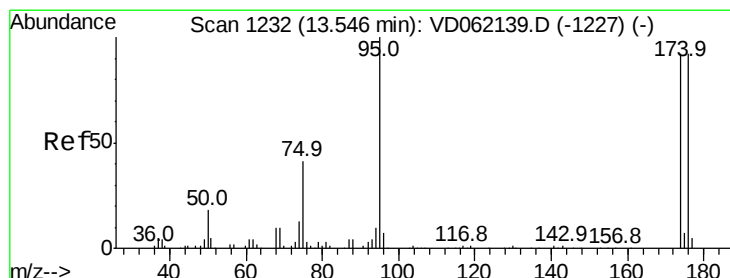
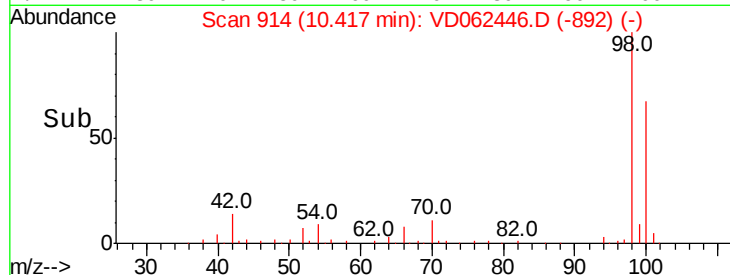
100 66.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 36.388 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062446.D

Acq: 17 May 2019 18:38

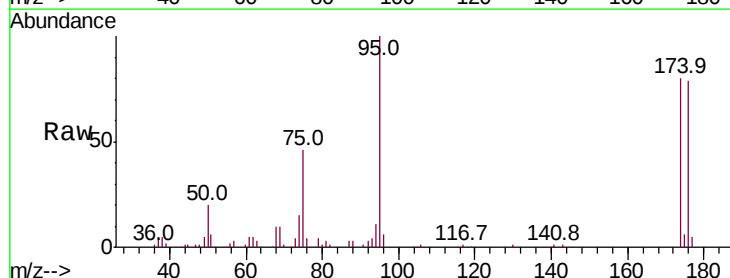
Tgt Ion: 95 Resp: 213873

Ion Ratio Lower Upper

95 100

174 80.3 0.0 181.8

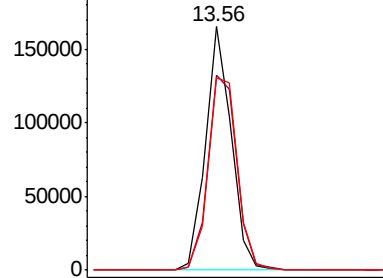
176 78.9 0.0 174.4



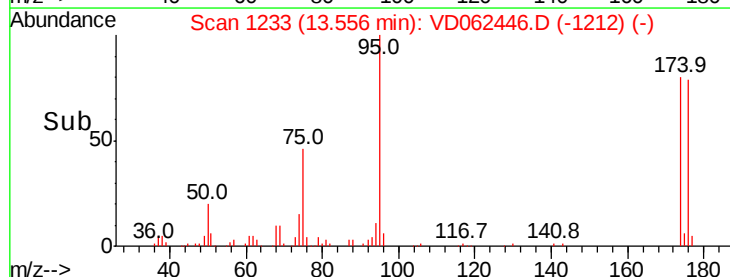
Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

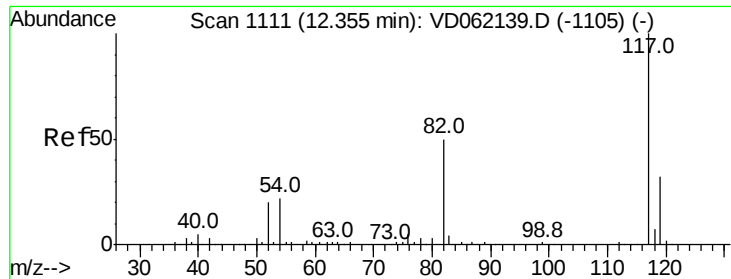
Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)



Time-->

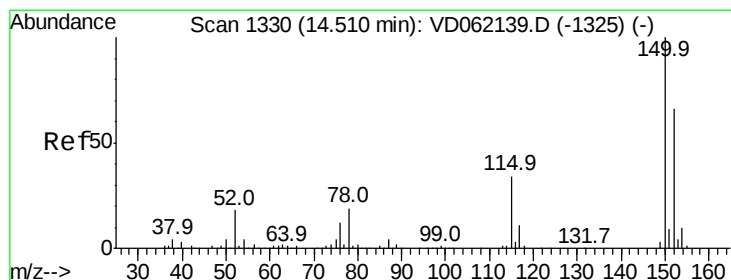
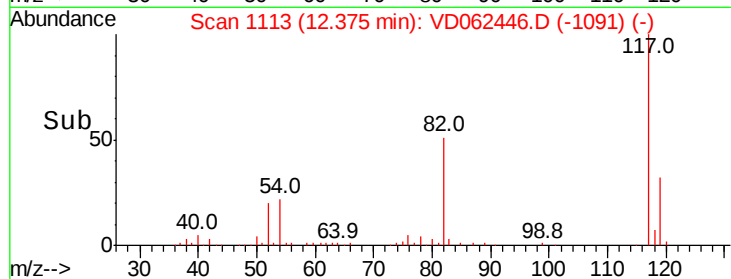
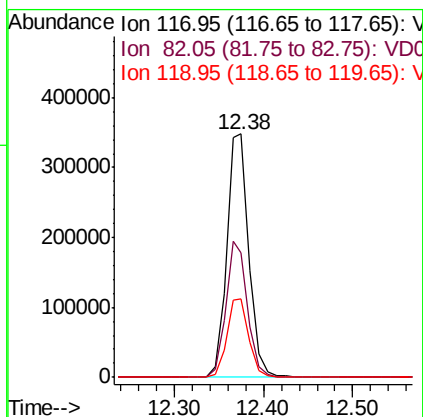
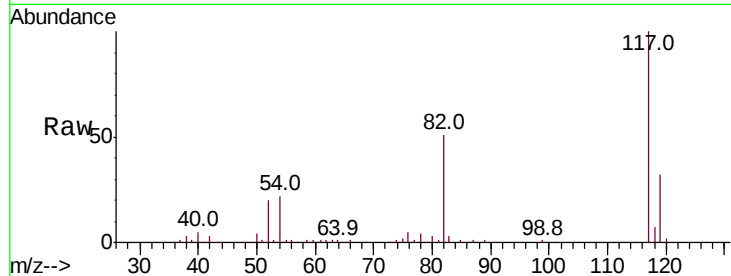




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062446.D
Acq: 17 May 2019 18:38

Instrument :
MSVOA_D
ClientSampleId :
T-3-4FT

Tot Ion:117 Resp: 607595
Ion Ratio Lower Upper
117 100
82 51.3 36.2 54.2
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062446.D
Acq: 17 May 2019 18:38

Tgt Ion:152 Resp: 338953
Ion Ratio Lower Upper
152 100
115 57.1 30.9 92.7
150 157.3 0.0 314.8

